BRUHAT BANGALORE MAHANAGARA PALIKE, BYATARAYAPURA ZONE

Executive Engineeer, Project Division, B.B.M.P, Bangalore - 92

SCHEDULE - B

Detailed Estimate for :- Construction of Hospital Building in Ward no 02

Sl. No	Description	Unit	App Qty	Approved Rates of	
				Rate in figures	Rate in words
1	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. ii) Dismantling Brick / Tile work.B. In Cement mortar.with all lead and lift and directions of the Engineer-In-charge of the work	Cum	3.75	300.00	Rupees Three Hundred Only
2	Dismantling weather proof course and removing and conveying the debris to a distance upto 200m.with all lead and lift and directions of the Engineer-In-charge of the work	Cum	18.60	600.00	Rupees Six Hundred Only
3	Conveying the excavated debries and over burden earth etc to a lead 20 kms distances by using private vehicles this including the cost of loading and inloading charges etc.with all lead and lift and directions of the Engineer-In-charge of the work	Cum	22.36	150.00	Rupees One Hundred Fifty Only
4	Providing and constructing load bearing wall with concrete solid blocks having block ebsity not less than 1800 kg/m3 Having aq minimum average compressive strength of 5.00 N.mm2 confirming to IA 2185 (Part q) 2005 and constructed with CM 1:4 as [er IS 2572:2005 including cost of all materials labour charges, scaffolding. curing hire charges of machineries etc as per specifications Solid concrete blocks of Size 400x200x200 mm.with all lead and lift and directions of the Engineer-In-charge of the work	Sqm	118.22	1350.00	Rupees One Thousand Three Hundred Fifty Only
5	Providing and constructing non-load bearing wall with solid concrete blocks of size 400x100x200mm having a block density not less than 1800kg/m3 having a minimumm average compressive strength of 4.00 N/mm2 confirming to I.S : 2185(Part 1):2005 and constructed withCM 1:4 as per 2572:2005 including cost of all materials labour charges, scaffolding, curing, hire charges of machineries etc complete as per specifications.with all lead and lift and directions of the Engineer-In-charge of the work	Sqm	112.19	1000.00	Rupees One Thousand Only
6	Providing and constructing load bearing wall with concrete solid blocks having block ebsity not less than 1800 kg/m3 Having aq minimum average compressive strength of 5.00 N.mm2 confirming to IA 2185 (Part q) 2005 and constructed with CM 1:4 as [er IS 2572:2005 including cost of all materials labour charges, scaffolding. curing hire charges of machineries etc as per specifications.Solid concrete blocks of Size 400x150x200 mm.with all lead and lift and directions of the Engineer-In-charge of the work	Sqm	53.55	1000.00	Rupees One Thousand Only
7	Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.46 cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in ground floor level for roof slabs, staircase, lintles, retaining walls, return walls, walls (any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications.with all lead and lift and directions of the Engineer-In-charge of the work	Cum	1.80	6900.00	Rupees Six Thousand Nine Hundred Only

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				Rate in figures	Rate in words
8	Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 24kgs, with 12mm and down size graded granite metal coarse aggregates @0.5175cum and fine aggregtes @ 0.345cum, with superplastisiser @0.225lts, machine mixed, well compacted for plain chajja of 7.5 cms. average thickness, upto ground floor level, including cost of all materials, labour,HOM of machinery, finishing, curing, complete as per specifications.with all lead and lift and directions of the Engineer-In-charge of the work	Sqm	11.37	550.00	Rupees Five Hundred Fifty Only
9	Providing and removing centering, shuttering, strutting, propping etc., for chajjas, corbels etc., including edges including cost of all materials, labour complete as per specificaiton.with all lead and lift and directions of the Engineer-In-charge of the work	Sqm	11.37	350.00	Rupees Three Hundred Fifty Only
10	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintles exceeding 1 m in depth incluidng cost of all materials, labour complete as per specifications.with all lead and lift and directions of the Engineer-In-charge of the work	Sqm	91.21	300.00	Rupees Three Hundred Only
11	Providing and removing cenering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specifications.with all lead and lift and directions of the Engineer-In-charge of the work	Sqm	108.22	350.00	Rupees Three Hundred Fifty Only
12	Providing and laying in Mat for RCC roof at below the steel for avoiding concrete cement slurry as per the requirement of Engineer incharge.(Approved Data Rates)with all lead and lift and directions of the Engineer-In-charge of the work	Sqm	108.22	75.00	Rupees Seventy Five Only
13	Providing TMT Steel Reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.TMT Bars Fe 500.Lift charges for steel of all diameters for additional floors over ground floor per floor height of 3.5 m. or part thereof cost of labour, complete as per specifications.with all lead and lift and directions of the Engineer-In-charge of the work	Mt	1.95	650000.00	Rupees Six Lakh(s) Fifty Thousand Only
14	Providing and laying cement concrete using 20mm and down size granite coarse aggregates and fine aggregares of ready mixed concrete for RCC works laid in 15 cms thick layers and well compated including vibrating, curing,etc., with all lead and lifts etc complete(excluisive of cost of steel and fabrication charges) Ready Mixed Cement Concrete for Beams, Staircase and Roof with M-25.with all lead and lift and directions of the Engineer-In-charge of the work	Cum	22.46	7000.00	Rupees Seven Thousand Only
15	Providing Honne wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, HOM of machineries complete as per specifications.with all lead and lift and directions of the Engineer-In-charge of the work	Cum	0.71	112000.00	Rupees One Lakh(s) Twelve Thousand Only
16	Providing and fixing in position fully panelled Honne wood shutters for doors, styles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM of machineries complete as per specifications. (excluding cost of fixtures)with all lead and lift and directions of the Engineer-In-charge of the work	Sqm	13.90	5250.00	Rupees Five Thousand Two Hundred Fifty Only

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Sl. No	Description	Unit	App Qty	Approved Rates of	
				Rate in figures	Rate in words
17	Fixing of door frame in an existing opening including embeeding frame in floor and walls after cutting masonry for holdfasts for embedding holdfast in cement concrete 1:3:6 of 20mm and down size granite metal painting two coats of coal tar to sides of frame, making good the damages to walls and floor as required and disposal of the debries with lead upto 50 m. including cost of materials, labour charges, complete as per specifications.with all lead and lift and directions of the Engineer-In-charge of the work	Nos	9.00	1200.00	Rupees One Thousand Two Hundred Only
18	Providing and fixing M.S.grill work for windows and ventilators weighing 21kg/sqm using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifications.with all lead and lift and directions of the Engineer-In-charge of the work	Kgs	359.10	95.00	Rupees Ninety Five Only
19	Providing and fixing in position aluminium windows and ventilators as per approved drawings with sliding shutters using threetrack window frame of size 92x31.75mm bottom section 1.3mm thick,weight 1.07kg/m; sides and top sections 1.3 mm, thick, weight 0.933kg/m.shutter frame section comprising top and bottom section of size40mmx18mm, wall thickness 1.25mm. weight 0.417 kg./m. shutter sideouter 40mmx18mm. wall thickness 1.25mm. weight 0.417 kg/m, shutterinterlock section 40mmx26.7mm wall thickness 1.1 mm. thick, weight 0.469 kg/m, the shutters mounted on nylon rollers with approved qualityof fixtures such as aluminium handles tower bolts etc.; providing andfixing 5.5mm. thick plain glass for shutters fitted with rubber beading allaluminium sections including cutting to required length, joints mitredsubdividing the frame tenonned and rivetted, in the assembled frame,stiffened with end clips for corners, angles etc., and fixed to the walls,lintels, floor beams/cills as the case may be, with necessary steelscrews, raul plugs or teak wood gatties including cutting masonry orconcrete and making good the original surface using cement mortar.(using aluminium section powdered	Sqm	17.10	4800.00	Rupees Four Thousand Eight Hundred Only
20	Providing 12mm thick cement plaster in single coat with cement mortar 1:4, to ceiling including rounding off corners wherever required smooth rendering,, Providing and removing scaffolding, including cost of materials, labour, lead, lift, curing complete as per specifications and direction of the Engineer in charge Providing Lime rendering for Plastering to Ceiling including cost of materials, labour, curing complete as per specification.with all lead and lift and directions of the Engineer-In-charge of the work	Sqm	108.22	300.00	Rupees Three Hundred Only
21	Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners wherver required smooth rendering, : Providing lime rendering for plastering to wall and ceiling and Providing and removing scaffolding, cost of materials, labour, curing complete as per specifications, direction of the Engineer in charge.for Inside Plastering.with all lead and lift and directions of the Engineer-In-charge of the work	Sqm	373.79	350.00	Rupees Three Hundred Fifty Only
22	Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners wherver required smooth rendering, : Providing and removing scaffolding, cost of materials, labour, curing complete as per specifications and direction of the Engineer in charge.for Outside Plastering.with all lead and lift and directions of the Engineer-In-charge of the work	Sqm	291.48	300.00	Rupees Three Hundred Only

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				Rate in figures	Rate in words
23	Providing and laying in position plain cement concrete of mix M20 with OPC cement @ 300kgs, with 20mm and down size graded granite metal coarse aggregates @0.64cum and fine aggregtes @ 0.43cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation,plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications.with all lead and lift and directions of the Engineer-In-charge of the work	Cum	11.68	6200.00	Rupees Six Thousand Two Hundred Only
24	Extra for use of water proofing compound in Cement concrete of mix 1:1:5:3,at one kg of compound per bag of cement.with all lead and lift and directions of the Engineer-In-charge of the work	Cum	116.76	225.00	Rupees Two Hundred Twenty Five Only
25	Providing and fixing Vitrified glazed tiles. of approved make, quality and colour of size 600x600x10mm thick fixed on bed of 12 thick cement mortar for flooring, skirting and jointed with neat cement slurry mixed with pigment to match shade of tiles, including providing spacers at required interval and removing stains etc., complete as per specifications.with all lead and lift and directions of the Engineer-In-charge of the work	Sqm	105.63	1400.00	Rupees One Thousand Four Hundred Only
26	Providing Ceramic tiles/Antiskid tiles of size 30x30cms of approved make, shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing with white cement using colour pigment, including cost of materials, labour, curing, complete as per specifications.with all lead and lift and directions of the Engineer-In-charge of the work	Sqm	12.94	1400.00	Rupees One Thousand Four Hundred Only
27	Providing skirting, dado, rises of steps with colour glazed tiles on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately) using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications.Colour glazed tiles 30x60 cms 6mm thick with border of size 30 x 10 cms.with all lead and lift and directions of the Engineer-In-charge of the work	Sqm	43.25	1700.00	Rupees One Thousand Seven Hundred Only
28	Providing applying two coats of wall putty to inside plastered walls and ceiling using white cement putty. Scrapping and levelling the surface using steel blade and preparing the surface even and smooth by using different grade sand papers including cost of all materials cost oif labour and scaffolding etc complete as per the specifications (For Ceiling and Internal plastering)with all lead and lift and directions of the Engineer-In-charge of the work	Sqm	482.01	70.00	Rupees Seventy Only
29	Providing and applying painting in two coats with plastic Emulsion paint of approved brand on wall ceilling surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications and as per the directions of the Engineer in charge. (with Primer) with all lead and lift and directions of the Engineer-In-charge of the work	Sqm	108.22	120.00	Rupees One Hundred Twenty Only
30	Providing and applying painting in two coats with plastic Emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications and as per the directions of the Engineer in charge. (with Primer) with all lead and lift and directions of the Engineer-In-charge of the work	Sqm	373.79	115.00	Rupees One Hundred Fifteen Only

G.P.Reddy
Contractor

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31	Providing and finishing external walls in two coats over one coat of 100% acrylic silicon glazed primer with antifungal paint for top coat of approved brand and shade to give an even shade after thoroughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications.with all lead and lift and directions of the Engineer-In-charge of the work	Sqm	291.48	175.00	Rupees One Hundred Seventy Five Only
32	Providing and applying enamel metal paint two coats(excluding priming coat) over new steel or other metal surfacebrushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as perspecifications.with all lead and lift and directions of the Engineer-In-charge of the work	Sqm	16.56	95.00	Rupees Ninety Five Only
33	Applying priming coat over new wood surface and/ or wood based surface, after brushing with ready mixed enamel priming paint including preparing the surface after throughly cleaning oil, grease, dirt and other foreign matter, sand papering and knotting ready mixed paint including cost of materials, labour, complete as per specifications.with all lead and lift and directions of the Engineer-In-charge of the work	Sqm	38.12	40.00	Rupees Forty Only
34	Providing and applying painting two coat(excluding priming coat)on new wood surface and/ or wood based surface with enamel paint to give an even shade, cleaning the surface oil, grease, dirt and other foreign matter, sand papering including cost of materials, labour, complete as perspecifications.with all lead and lift and directions of the Engineer-In-charge of the work	Sqm	38.12	100.00	Rupees One Hundred Only
35	Providing and fixing of Door locking arrangements	Each	9.00	675.00	Rupees Six Hundred Seventy Five Only
36	Providing and fixing of Handles powder coated 150mm	Each	27.00	70.00	Rupees Seventy Only
37	Providing and fixing of Hinges 5" heavy duty	Each	27.00	40.00	Rupees Forty Only
38	Providing and fixing of Hold fasts MS	Each	36.00	40.00	Rupees Forty Only
39	Providing and fixing of Tower bolt 300mm long	Each	18.00	150.00	Rupees One Hundred Fifty Only
40	Fabrication supplying and erecting M.S. tubular trusses of all spans with prefabricated steel pplications using quality material and are durable, reliable and corrosion and abrasion resistant. Welding shall confirm to latest structural welding code. Quality shall be on various parameters like shape, size, design gauge and polish. The entire trusses is anchored in RCC column by using 4 nos of M.S. anchor bolts at each support with 10mm thick base plate and shoe plate. The work includes cutting, traightening, placing in position of M.S. pipes and welding wherever necessary and applying one coat of redoxide primer coat to all themembers including cost of all materials, labour charges, and hire charges of machineries for cutting, welding, grinding and erection equipments, with all lead and lift, transportation, letc., complete as per specification.with all lead and lift and directions of the Engineer-In-charge of the work	Kgs	1000.00	150.00	Rupees One Hundred Fifty Only
41	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. ii) Dismantling Brick / Tile work.B. In Cement mortar.with all lead and lift and directions of the Engineer-In-charge of the work	Cum	110.97	300.00	Rupees Three Hundred Only
42	Conveying the excavated debries and over burden earth etc to a lead 20 kms distances by using private vehicles this including the cost of loading and inloading charges etc.with all lead and lift and directions of the Engineer-In-charge of the work	Cum	110.97	150.00	Rupees One Hundred Fifty Only

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43	Earthwork excavation for foundation of buildings, culverts, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications.with all lead and lift and directions of the Engineer-In-charge of the work	Cum	14.99	210.00	Rupees Two Hundred Ten Only
44	Filling available excavated earth (excluding rock) insides of foundations upto plinth in layers not exceeding 20cms. In depth, compacting each deposited layer by ramming after watering with a lead upto 50m. And lift upto 1.5m including cost of all labour (Inside platrform , sides and sides of the area) with all lead and lift and directions of the Engineer-In-charge of the work	Cum	7.49	144.00	Rupees One Hundred Forty Four Only
45	Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregate @ 0.892cum and fine aggregates @ 0.465cum machine mixed, machinemixed, concrete laid in layers not exceeding 15 cms, thick well compacted in foundation and plinth, cost of all materials, labour HOM of machinery, curing complete as per specifications.with all lead and lift and directions of the Engineer-In-charge of the work	Cum	10.58	5600.00	Rupees Five Thousand Six Hundred Only
46	Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.with all lead and lift and directions of the Engineer-In-charge of the work	Cum	11.24	5600.00	Rupees Five Thousand Six Hundred Only
47	Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregtes @ 0.459cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintles, retaining walls, return walls, walls (any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications.with all lead and lift and directions of the Engineer-In-charge of the work	Cum	1.44	6500.00	Rupees Six Thousand Five Hundred Only
48	Providing and laying cement concrete using 20mm and down size granite coarse aggregates and fine aggregares of ready mixed concrete for RCC works laid in 15 cms thick layers and well compated including vibrating, curing,etc., with all lead and lifts etc complete(excluisive of cost of steel and fabrication charges) Ready Mixed Cement Concrete for Beams, Staircase and Roof with M-25.with all lead and lift and directions of the Engineer-In-charge of the work	Cum	13.67	6600.00	Rupees Six Thousand Six Hundred Only
49	Providing and removing Centering, shuttering, strutting, propping etc.,and removal of from work for vertical surface such as walls at any thickness including attched plasters, butresses, plinth cills and string courses cost of all materials, labour complete as per specification.with all lead and lift and directions of the Engineer-In-charge of the work	Sqm	9.61	325.00	Rupees Three Hundred Twenty Five Only
50	Providing and removing cenering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specifications.with all lead and lift and directions of the Engineer-In-charge of the work	Sqm	92.03	350.00	Rupees Three Hundred Fifty Only

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Sl. No	Description	Unit	App Qty	Approved Rates of	
				Rate in figures	Rate in words
51	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintles exceeding 1 m in depth incluidng cost of all materials, labour complete as per specifications.	Sqm	16.20	300.00	Rupees Three Hundred Only
52	Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.46 cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in ground floor level for roof slabs, staircase, lintles, retaining walls, return walls, walls (any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications	Cum	0.19	7000.00	Rupees Seven Thousand Only
53	Providing and constructing load bearing wall with concrete solid blocks having block ebsity not less than 1800 kg/m3 Having aq minimum average compressive strength of 5.00 N.mm2 confirming to IA 2185 (Part q) 2005 and constructed with CM 1:4 as [er IS 2572:2005 including cost of all materials labour charges, scaffolding. curing hire charges of machineries etc as per specifications Solid concrete blocks of Size 400x200x200 mm.with all lead and lift and directions of the Engineer-In-charge of the work Ground Floor	Sqm	102.00	1200.00	Rupees One Thousand Two Hundred Only
54	Providing and constructing load bearing wall with concrete solid blocks having block ebsity not less than 1800 kg/m3 Having aq minimum average compressive strength of 5.00 N.mm2 confirming to IA 2185 (Part q) 2005 and constructed with CM 1:4 as [er IS 2572:2005 including cost of all materials labour charges, scaffolding. curing hire charges of machineries etc as per specifications Solid concrete blocks of Size 400x200x200 mm.with all lead and lift and directions of the Engineer-In-charge of the work First Floor	Sqm	28.17	1150.00	Rupees One Thousand One Hundred Fifty Only
55	Providing and constructing non-load bearing wall with solid concrete blocks of size 400x100x200mm having a block density not less than 1800kg/m3 having a minimumm average compressive strength of 4.00 N/mm2 confirming to I.S : 2185(Part 1):2005 and constructed withCM 1:4 as per 2572:2005 including cost of all materials labour charges, scaffolding, curing, hire charges of machineries etc complete as per specifications.with all lead and lift and directions of the Engineer-In-charge of the work Ground Floor	Sqm	78.99	900.00	Rupees Nine Hundred Only
56	Providing and constructing non-load bearing wall with solid concrete blocks of size 400x100x200mm having a block density not less than 1800kg/m3 having a minimumm average compressive strength of 4.00 N/mm2 confirming to I.S : 2185(Part 1):2005 and constructed withCM 1:4 as per 2572:2005 including cost of all materials labour charges, scaffolding, curing, hire charges of machineries etc complete as per specifications.with all lead and lift and directions of the Engineer-In-charge of the work First Floor	Sqm	86.45	900.00	Rupees Nine Hundred Only
57	Providing TMT Steel Reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.TMT Bars Fe 500.Lift charges for steel of all diameters for additional floors over ground floor per floor height of 3.5 m. or part thereof cost of labour, complete as per specifications.with all lead and lift and directions of the Engineer-In-charge of the work Ground Floor	Mt	1.40	61000.00	Rupees Sixty One Thousand Only

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Sl. No	Description	Unit	App Qty	Approved Rates of	
				Rate in figures	Rate in words
58	Providing 12mm thick cement plaster in single coat with cement mortar 1:4, to ceiling including rounding off corners wherever required smooth rendering,, Providing and removing scaffolding, including cost of materials, labour, lead, lift, curing complete as per specifications and direction of the Engineer in charge Providing Lime rendering for Plastering to Ceiling including cost of materials, labour, curing complete as per specification.with all lead and lift and directions of the Engineer-In-charge of the work Ground Floor	Sqm	92.03	250.00	Rupees Two Hundred Fifty Only
59	Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners wherver required smooth rendering, : Providing lime rendering for plastering to wall and ceiling and Providing and removing scaffolding, cost of materials, labour, curing complete as per specifications, direction of the Engineer in charge.for Inside Plastering.with all lead and lift and directions of the Engineer-In-charge of the work Ground Floor	Sqm	475.26	300.00	Rupees Three Hundred Only
60	Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners wherver required smooth rendering, : Providing lime rendering for plastering to wall and ceiling and Providing and removing scaffolding, cost of materials, labour, curing complete as per specifications, direction of the Engineer in charge.for Inside Plastering.with all lead and lift and directions of the Engineer-In-charge of the work First Floor	Sqm	256.64	285.00	Rupees Two Hundred Eighty Five Only
61	Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners wherver required smooth rendering, : Providing and removing scaffolding, cost of materials, labour, curing complete as per specifications and direction of the Engineer in charge.for Outside Plastering.with all lead and lift and directions of the Engineer-In-charge of the work	Sqm	122.03	250.00	Rupees Two Hundred Fifty Only
62	Providing rough cement plastering 15mm thick in single coat with cement mortar 1:4, to brick masonry for base of dadooingworks with sand of approved quality, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications Ground Floor	Sqm	586.07	250.00	Rupees Two Hundred Fifty Only
63	Providing rough cement plastering 15mm thick in single coat with cement mortar 1:4, to brick masonry for base of dadooingworks with sand of approved quality, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications First Floor	Sqm	543.84	250.00	Rupees Two Hundred Fifty Only
64	Providing rough cement plastering 15mm thick in single coat with cement mortar 1:4, to brick masonry for base of dadooingworks with sand of approved quality, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications Second Floor	Sqm	758.24	250.00	Rupees Two Hundred Fifty Only
65	Providing Honne wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, HOM of machineries complete as per specifications.with all lead and lift and directions of the Engineer-In-charge of the work	Cum	2.15	112000.00	Rupees One Lakh(s) Twelve Thousand Only
66	Providing and fixing in position fully panelled Honne wood shutters for doors, styles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM of machineries complete as per specifications. (excluding cost of fixtures)with all lead and lift and directions of the Engineer-In-charge of the work Ground Floor	Sqm	29.93	5250.00	Rupees Five Thousand Two Hundred Fifty Only

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Sl. No:	Description	Unit	App Qty	Approved Rates of	
				Rate in figures	Rate in words
67	Providing and fixing in position fully panelled Honne wood shutters for doors, styles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM of machineries complete as per specifications. (excluding cost of fixtures)with all lead and lift and directions of the Engineer-In-charge of the work First Floor	Sqm	21.53	5250.00	Rupees Five Thousand Two Hundred Fifty Only
68	Providing and fixing in position fully panelled Honne wood shutters for doors, styles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM of machineries complete as per specifications. (excluding cost of fixtures)with all lead and lift and directions of the Engineer-In-charge of the work Second Floor	Sqm	32.55	5250.00	Rupees Five Thousand Two Hundred Fifty Only
69	Fixing of door frame in an existing opening including embeeding frame in floor and walls after cutting masonry for holdfasts for embedding holdfast in cement concrete 1:3:6 of 20mm and down size granite metal painting two coats of coal tar to sides of frame, making good the damages to walls and floor as required and disposal of the debries with lead upto 50 m. including cost of materials, labour charges, complete as per specifications.with all lead and lift and directions of the Engineer-In-charge of the work Ground Floor	Nos	10.00	1250.00	Rupees One Thousand Two Hundred Fifty Only
70	Fixing of door frame in an existing opening including embeeding frame in floor and walls after cutting masonry for holdfasts for embedding holdfast in cement concrete 1:3:6 of 20mm and down size granite metal painting two coats of coal tar to sides of frame, making good the damages to walls and floor as required and disposal of the debries with lead upto 50 m. including cost of materials, labour charges, complete as per specifications.with all lead and lift and directions of the Engineer-In-charge of the work First Floor	Nos	10.00	1250.00	Rupees One Thousand Two Hundred Fifty Only
71	Providing and fixing in position aluminium windows and ventilators as per approved drawings with sliding shutters using threetrack window frame of size 92x31.75mm bottom section 1.3mm thick,weight 1.07kg/m; sides and top sections 1.3 mm, thick, weight 0.933kg/m.shutter frame section comprising top and bottom section of size40mmx18mm, wall thickness 1.25mm. weight 0.417 kg./m. shutter sideouter 40mmx18mm. wall thickness 1.25mm. weight 0.417 kg/m, shutterinterlock section 40mmx26.7mm wall thickness 1.1 mm. thick, weight 0.469 kg/m, the shutters mounted on nylon rollers with approved qualityof fixtures such as aluminium handles tower bolts etc.; providing andfixing 5.5mm. thick plain glass for shutters fitted with rubber beading allaluminium sections including cutting to required length, joints mitredsubdividing the frame tenonned and rivetted, in the assembled frame,stiffened with end clips for corners, angles etc., and fixed to the walls,lintels, floor beams/cills as the case may be, with necessary steelscrews, raul plugs or teak wood gatties including cutting masonry orconcrete and making good the original surface using cement mortar.(using aluminium section powdered coated to a minimum of 60-70 microns with exterior durable pure polyester grade powder o fapproved quality.)with all lead and lift and directions of the Engineer-In-charge of the work Ground Floor	Sqm	45.36	4650.00	Rupees Four Thousand Six Hundred Fifty Only

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Sl. No	Description	Unit	App Qty	Approved Rates of	
				Rate in figures	Rate in words
72	Providing and fixing in position aluminium windows and ventilators as per approved drawings with sliding shutters using threetrack window frame of size 92x31.75mm bottom section 1.3mm thick,weight 1.07kg/m; sides and top sections 1.3 mm, thick, weight 0.933kg/m.shutter frame section comprising top and bottom section of size40mmx18mm, wall thickness 1.25mm. weight 0.417 kg./m. shutter sideouter 40mmx18mm. wall thickness 1.25mm. weight 0.417 kg/m, shutterinterlock section 40mmx26.7mm wall thickness 1.1 mm. thick, weight 0.469 kg/m, the shutters mounted on nylon rollers with approved qualityof fixtures such as aluminium handles tower bolts etc.; providing andfixing 5.5mm. thick plain glass for shutters fitted with rubber beading allaluminium sections including cutting to required length, joints mitredsubdividing the frame tenonned and rivetted, in the assembled frame,stiffened with end clips for corners, angles etc., and fixed to the walls,lintels, floor beams/cills as the case may be, with necessary steelscrews, raul plugs or teak wood gatties including cutting masonry orconcrete and making good the original surface using cement mortar.(using aluminium section powdered coated to a minimum of 60-70 microns with exterior durable pure polyester grade powder o fapproved quality.)with all lead and lift and directions of the Engineer-In-charge of the work First Floor	Sqm	45.00	4650.00	Rupees Four Thousand Six Hundred Fifty Only
73	Providing and fixing in position aluminium windows and ventilators as per approved drawings with sliding shutters using threetrack window frame of size 92x31.75mm bottom section 1.3mm thick,weight 1.07kg/m; sides and top sections 1.3 mm, thick, weight 0.933kg/m.shutter frame section comprising top and bottom section of size40mmx18mm, wall thickness 1.25mm. weight 0.417 kg./m. shutter sideouter 40mmx18mm. wall thickness 1.25mm. weight 0.417 kg/m, shutterinterlock section 40mmx26.7mm wall thickness 1.1 mm. thick, weight 0.469 kg/m, the shutters mounted on nylon rollers with approved qualityof fixtures such as aluminium handles tower bolts etc.; providing andfixing 5.5mm. thick plain glass for shutters fitted with rubber beading allaluminium sections including cutting to required length, joints mitredsubdividing the frame tenonned and rivetted, in the assembled frame,stiffened with end clips for corners, angles etc., and fixed to the walls,lintels, floor beams/cills as the case may be, with necessary steelscrews, raul plugs or teak wood gatties including cutting masonry orconcrete and making good the original surface using cement mortar.(using aluminium section powdered coated to a minimum of 60-70 microns with exterior durable pure polyester grade powder o fapproved quality.)with all lead and lift and directions of the Engineer-In-charge of the work Second Floor	Sqm	45.00	4650.00	Rupees Four Thousand Six Hundred Fifty Only
74	Providing and fixing M.S.grill work for windows and ventilators weighing 21kg/sqm using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifications.with all lead and lift and directions of the Engineer-In-charge of the work	Kgs	7.56	95.00	Rupees Ninety Five Only

Contractor

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Sl. No	Description	Unit	App Qty	Approved Rates of	
				Rate in figures	Rate in words
75	Providing, fabricating, assembling and fixing in position aluminium partitions using sections in combination of plain, single grove and double grove as per requirements for the frames of overall size 101.6mm x 44.45mm, 3.18mm.thick having section weight, plain sections 2.40kg/m single grove section 2.541kg/m. and double grovesection 2.683 kg/m and bottom 46 kg/m; aluminium louvres of size 77.6mmx27.6mm 1.7mm. thick section weight 0.483kg/m; bottom portions provided with 12mm. thick prelaminated sheet both side of approved colour lamination exterior grade; aluminium sections of mat finish or glossy finish using section, spacing of vertical member shall not exceed 0.6 m. c to c; sections are cut to the required lengths, joints mitered and corners grinded subdividing frames tennoned and rivetted to the frames, the assembled frame should be stiffened with corner angles stripped and fixed with screws, rawl plugs and teak wood gutties to C.C.columns or masonry on sides, R.C.C. lintels or beams at top and floor at bottom, including cutting chistling and making good with cement mortar to match the surface, providing and fixing bottom panel filled with the materials to a height of 0.9m. from floor level; and 5.5mm. thick plain glass for middle portion viz., 0.9m. to 2.13 m. and top panel with lower sections, the glass and panels fitted with glazing clips of19mmx17.3mm. with thickness of 0.9mm. weight 0.124kg/m; aluminium sections pre-treated for removal of any rust and prevention of further rust formation, and coated with greasy materials for non-adherence of mortars or any other sticky materials; vertical members embedded in the flooring by making suitable size holes and fixing with cement mortar, with necessary opening for fixing of doors of standard size (excluding	Sqm	64.13	530.00	Rupees Five Hundred Thirty Only
76	Providing, fabricating, assembling and fixing in position aluminium doors using following aluminium mat finish or glossy finish, outer frame plain section 101.6x44.45mm thickness 3.18mm, section weight 2.404 kg/m, door shutters vertical section 44.62x44.45mm thickness 3.18mm, section weight 1.505kg/m, top section 47.62x44.45mm thickness 3.00mm, section weight 1.426kg/m bottom section 114.3x44.45 thickness 3.18mm, section weight 2.646kg/ m, door central section 49.91x44.45mm thickness 3.00mm, section weight 1.495 kg/m glazing clips 19x17.3x11mm thickness 0.9mm section weight 0.124kg/m; aluminium sections cut to length joint metred corners grinded, the shutters pivoted opening arrangement with heavy duty aluminium alloy automatic door closures floor mounted roviding and fixing standard approved accessories, such as aluminium handle for full width or length, tower bolts, lock, pivots: P.V.C. or rubber gasket with 5.5m. thick plain glass for top and bottom panel; aluminium sections treated for removal of any rust and prevention of further rust formation, and coated with greasy materials for non-adherance of mortars or any other sticky materials; the ssembled frame fitted with the corner angles, strips and fitted with screws, rawl plugs or	Sqm	18.90	7000.00	Rupees Seven Thousand Only
77	Providing and fixing Vitrified glazed tiles. of approved make, quality and colour of size 600x600x10mm thick fixed on bed of 12 thick cement mortar for flooring, skirting and jointed with neat cement slurry mixed with pigment to match shade of tiles, including providing spacers at required interval and removing stains etc., complete as per specifications.with all lead and lift and directions of the Engineer-In-charge of the work Ground Floor	Sqm	338.43	1500.00	Rupees One Thousand Five Hundred Only
78	Providing and fixing Vitrified glazed tiles. of approved make, quality and colour of size 600x600x10mm thick fixed on bed of 12 thick cement mortar for flooring, skirting and jointed with neat cement slurry mixed with pigment to match shade of tiles, including providing spacers at required interval and removing stains etc., complete as per specifications.with all lead and lift and directions of the Engineer-In-charge of the work First Floor	Sqm	80.35	1500.00	Rupees One Thousand Five Hundred Only

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Sl.No	Description	Unit	App Qty	Approved Rates of	
				Rate in figures	Rate in words
79	Providing and fixing Vitrified glazed tiles. of approved make, quality and colour of size 600x600x10mm thick fixed on bed of 12 thick cement mortar for flooring, skirting and jointed with neat cement slurry mixed with pigment to match shade of tiles, including providing spacers at required interval and removing stains etc., complete as per specifications.with all lead and lift and directions of the Engineer-In-charge of the work Second Floor	Sqm	283.13	1500.00	Rupees One Thousand Five Hundred Only
80	Providing Ceramic tiles/Antiskid tiles of size 30x30cms of approved make, shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing with white cement using colour pigment, including cost of materials, labour, curing, complete as per specifications.with all lead and lift and directions of the Engineer-In-charge of the work Ground fLOOR	Sqm	49.71	1350.00	Rupees One Thousand Three Hundred Fifty Only
81	Providing Ceramic tiles/Antiskid tiles of size 30x30cms of approved make, shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing with white cement using colour pigment, including cost of materials, labour, curing, complete as per specifications.with all lead and lift and directions of the Engineer-In-charge of the work fIRST fLOOR	Sqm	52.58	1350.00	Rupees One Thousand Three Hundred Fifty Only
82	Providing Ceramic tiles/Antiskid tiles of size 30x30cms of approved make, shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing with white cement using colour pigment, including cost of materials, labour, curing, complete as per specifications.with all lead and lift and directions of the Engineer-In-charge of the work Second Floor	Sqm	114.77	1350.00	Rupees One Thousand Three Hundred Fifty Only
83	Providing skirting, dado, rises of steps with colour glazed tiles on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately) using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications.Colour glazed tiles 30x60 cms 6mm thick with border of size 30 x 10 cms.with all lead and lift and directions of the Engineer-In-charge of the work Ground fLOOR	Sqm	671.39	1750.00	Rupees One Thousand Seven Hundred Fifty Only
84	Providing skirting, dado, rises of steps with colour glazed tiles on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately) using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications.Colour glazed tiles 30x60 cms 6mm thick with border of size 30 x 10 cms.with all lead and lift and directions of the Engineer-In-charge of the work First Floor	Sqm	504.21	1750.00	Rupees One Thousand Seven Hundred Fifty Only
85	Providing skirting, dado, rises of steps with colour glazed tiles on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately) using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications.Colour glazed tiles 30x60 cms 6mm thick with border of size 30 x 10 cms.with all lead and lift and directions of the Engineer-In-charge of the work Second Floor	Sqm	1054.68	1750.00	Rupees One Thousand Seven Hundred Fifty Only
86	Providing applying two coats of wall putty to inside plastered walls and ceiling using white cement putty. Scrapping and levelling the surface using steel blade and preparing the surface even and smooth by using different grade sand papers including cost of all materials cost oif labour and scaffolding etc complete as per the specifications (For Ceiling and Internal plastering)with all lead and lift and directions of the Engineer-In-charge of the work	Sqm	823.93	70.00	Rupees Seventy Only

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Sl. No	Description	Unit	App Qty	Approved Rates of	
				Rate in figures	Rate in words
87	Providing and applying painting in two coats with plastic Emulsion paint of approved brand on wall ceilling surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications and as per the directions of the Engineer in charge. (with Primer) with all lead and lift and directions of the Engineer-In-charge of the work	Sqm	3728.81	150.00	Rupees One Hundred Fifty Only
88	Providing and applying painting in two coats with plastic Emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications and as per the directions of the Engineer in charge. (with Primer) with all lead and lift and directions of the Engineer-In-charge of the work	Sqm	8979.10	110.00	Rupees One Hundred Ten Only
89	Providing and finishing external walls in two coats over one coat of 100% acrylic silicon glazed primer with antifungal paint for top coat of approved brand and shade to give an even shade after thoroughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications.with all lead and lift and directions of the Engineer-In-charge of the work Ground Floor	Sqm	1445.09	185.00	Rupees One Hundred Eighty Five Only
90	Providing and finishing external walls in two coats over one coat of 100% acrylic silicon glazed primer with antifungal paint for top coat of approved brand and shade to give an even shade after thoroughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications.with all lead and lift and directions of the Engineer-In-charge of the work First Floor	Sqm	1501.05	185.00	Rupees One Hundred Eighty Five Only
91	Providing and finishing external walls in two coats over one coat of 100% acrylic silicon glazed primer with antifungal paint for top coat of approved brand and shade to give an even shade after thoroughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications.with all lead and lift and directions of the Engineer-In-charge of the work Second Floor	Sqm	1501.05	180.00	Rupees One Hundred Eighty Only
92	Applying priming coat over new wood surface and/ or wood based surface, after brushing with ready mixed enamel priming paint including preparing the surface after throughly cleaning oil, grease, dirt and other foreign matter, sand papering and knotting ready mixed paint including cost of materials, labour, complete as per specifications.with all lead and lift and directions of the Engineer-In-charge of the work	Sqm	712.53	40.00	Rupees Forty Only
93	Providing and applying painting two coat(excluding priming coat)on new wood surface and/ or wood based surface with enamel paint to give an even shade, cleaning the surface oil, grease, dirt and other foreign matter, sand papering including cost of materials, labour, complete as perspecifications.with all lead and lift and directions of the Engineer-In-charge of the work	Sqm	1118.41	100.00	Rupees One Hundred Only
94	Providing and applying enamel metal paint two coats(excluding priming coat) over new steel or other metal surfacebrushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as perspecifications.with all lead and lift and directions of the Engineer-In-charge of the work	Sqm	325.49	100.00	Rupees One Hundred Only
95	Providing and fixing of Door locking arrangements	Each	30.00	700.00	Rupees Seven Hundred Only
96	Providing and fixing of Handles powder coated 150mm	Each	45.00	75.00	Rupees Seventy Five Only

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Sl. No	Description	Unit	App Qty	Approved Rates of	
				Rate in figures	Rate in words
97	Providing and fixing of Hinges 5" heavy duty	Each	45.00	45.00	Rupees Forty Five Only
98	Providing and fixing of Hold fasts MS	*Each*	*40.00*	*45.00*	*Rupees Forty Five Only*
99	Providing and fixing of Tower bolt 300mm long	Each	45.00	135.00	Rupees One Hundred Thirty Five Only
1100	Providing and fixing Cubical work stations consisting of Wings made out of 75mm thick MS CRCA powder coated, tile based system for main and return spine top tile finish 8 mm thick MDF covered with fabric of approved colour and one writing board (600mm W) and one soft board (600mm w) per workstation bottom tile finish 19mm thick laminate tile of colour approved colour race way one middle race way (600mm W) below 6table top per workstation and continous race way at the skirting level, wire mangr - ABS plastic grommet one number per table , table top - 25mm thick PLPB with staright table top end table 25mm thick PLPB with staright edge bound hard ware - MS power coaterd corner bkt, contiliver bkt, separeter hook and bkt L bkt and tabl joint plate as per specification dwg.and as directed by engineer in charge. T-TYPE 2 wings (C Size: 1500 mmW x 1200nn D x 1200 mm ht.with all lead and lift and directions of the Engineer-In-charge of the work	Nos	6.00	42000.00	Rupees Forty Two Thousand Only
1101	Repairing and fixing shutters (panelled or glazed) to doors, windows,ventilators and cupboards.with all lead and lift and directions of the Engineer-In-charge of the work	Sqm	84.00	500.00	Rupees Five Hundred Only
1102	Providing and fixing hydraulic door closures with mounting heavy duty.with all lead and lift and directions of the Engineer-In-charge of the work	Nos	25.00	1850.00	Rupees One Thousand Eight Hundred Fifty Only
1103	Geophysical investigation of site for sinking Borewell for supplying drinking water to the habitation either through the Hand pump, MWS of P.W.S.S by vertical electrical sounding by adopting Venner or Schlumberger's method, including reconnaissance survey of geological formation, Gerophysical investigation of existing Ground Wate in the vicinity, its qualityf 1.0 meter in consolidated formation for proper seating of casing pipe, depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation of instrument and accessories to work site., engaging techinical personal and labour required etc., as per Specification and direction.with all lead and lift and directions of the Engineer-In-charge of the work	Each	1.00	2000.00	Rupees Two Thousand Only
1104	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars and cap etc.,) with all lead and lift and directions of the Engineer-In-charge of the work 0 to 50 m	Rmtr	50.00	325.00	Rupees Three Hundred Twenty Five Only
1105	50 to 100 m	Rmtr	50.00	425.00	Rupees Four Hundred Twenty Five Only
1106	100 to 150 m	Rmtr	50.00	500.00	Rupees Five Hundred Only
1107	150 to 200 m	Rmtr	50.00	500.00	Rupees Five Hundred Only
1108	200 to 250 m	Rmtr	50.00	600.00	Rupees Six Hundred Only
1109	250 to 300 m	Rmtr	50.00	600.00	Rupees Six Hundred Only
1110	300m to 350m	Rmtr	50.00	620.00	Rupees Six Hundred Twenty Only

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Sl. No	Description	Unit	App Qty	Approved Rates of	
				Rate in figures	Rate in words
111	350m to 400 m	Rmtr	50.00	620.00	Rupees Six Hundred Twenty Only
112	Supply of ISI mark 175 mm nominal bore medium black ERW casing pipe of 5 mm thick black electric resistance continuous welded mild steel tube material confirming to IS 1387 / 1993 & manufactured from hot rolled steel skelp / stripes in random length of 4 to 7 mts both ends threaded confirming to IS 554 / 1985, one end fixed with a socket and the other and with a plastic protection end (including of all taxes) with all lead and lift and directions of the Engineer-In-charge of the work	Rmtr	36.00	1400.00	Rupees One Thousand Four Hundred Only
113	Providing 250mm dia PVC Pipe 6kg/cm as per specification and direction of the Engineer in Charge of the work.with all lead and lift and directions of the Engineer-In-charge of the work	Rmtr	6.00	800.00	Rupees Eight Hundred Only
114	Providing and fixing 175mm Borewell Cap.with all lead and lift and directions of the Engineer-In-charge of the work	No	1.00	170.00	Rupees One Hundred Seventy Only
115	Supply and delivery at site brand New texmo/ innoval/ Lubi/ Sabar / Atalanta/ Calamal/ make suitable for vertical installation in 150mm dia bore well comprising of single stage or multistage CF pump close coupled by measns of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water (Wet type) squirrel cage submersible induction motor suitable for opertation of 3PH., 50 Hz, 380/440 volts AC supply fitted with required aqccessories such as suction, casing suction strainers sand guard Non return value etc. complete . The pump and motor shall form an integral unit with all the required fittings 10.00 HP 20 stage.with all lead and lift and directions of the Engineer-In-charge of the work	No	1.00	45000.00	Rupees Forty Five Thousand Only
116	Supplying of ISI marked galvanized mild steel tube (continously welded electric resistance welded (ERW) high frequency, induction welded (HFIW) Hot finished welded type of nominal bore given below screwed at both ends as per IS 554/1986 with latest amendments, pipes threaftes at one end and the other end protected asper specification in random lengths of 4 to 7 mtrs Confirming to IS 1239 part I/1990 with amendament 1-5 and with all its latest amendements if any. The pipes supplied should be with BIS mark No 3/08-09 2406/15.10.2008. 50 mm dia including Collar Heavy Class.with all lead and lift and directions of the Engineer-In-charge of the work	Mtr	200.00	420.00	Rupees Four Hundred Twenty Only
117	Supplying and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper conductor confirming to table 3 class 5 of IS:8130-1984 and virgin grade PVC insulation and sheathed suitable for working voltage upto 1100 Volts. P. No. 12 ,2.10.3, 4.0 Sqm mm of 36 strands 0.3mm dia Group - A KPWD Electrical SR 2014-2015 (1x3x4.00 Sqmm PVC cable.with all lead and lift and directions of the Engineer-In-charge of the work	Mtr	480.00	130.00	Rupees One Hundred Thirty Only
118	Erection of pumpset including aligning and balancing with all necessary erection materials and labour including supply and erection of one pair supporting clamps, one borewell cap. Cable clips with bolts, nuts, valves guages etc., involoved in the job (Necessary GI pipe and specials with be supplied by the board at the site free of cost) (As per rate approved KUWS & DB for year 2008-09.with all lead and lift and directions of the Engineer-In-charge of the work	No	1.00	3150.00	Rupees Three Thousand One Hundred Fifty Only
119	Supplying and fixing 20"x20"x2.5" polished wood board made of not less than 15mm thick plank on both sides with planks made out of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws etc., P No. 44,6.6.6, KPWD Electrical SR 20014-15.with all lead and lift and directions of the Engineer-In-charge of the work	No	1.00	325.00	Rupees Three Hundred Twenty Five Only

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